

Training Transformation and the Joint National Training Capability

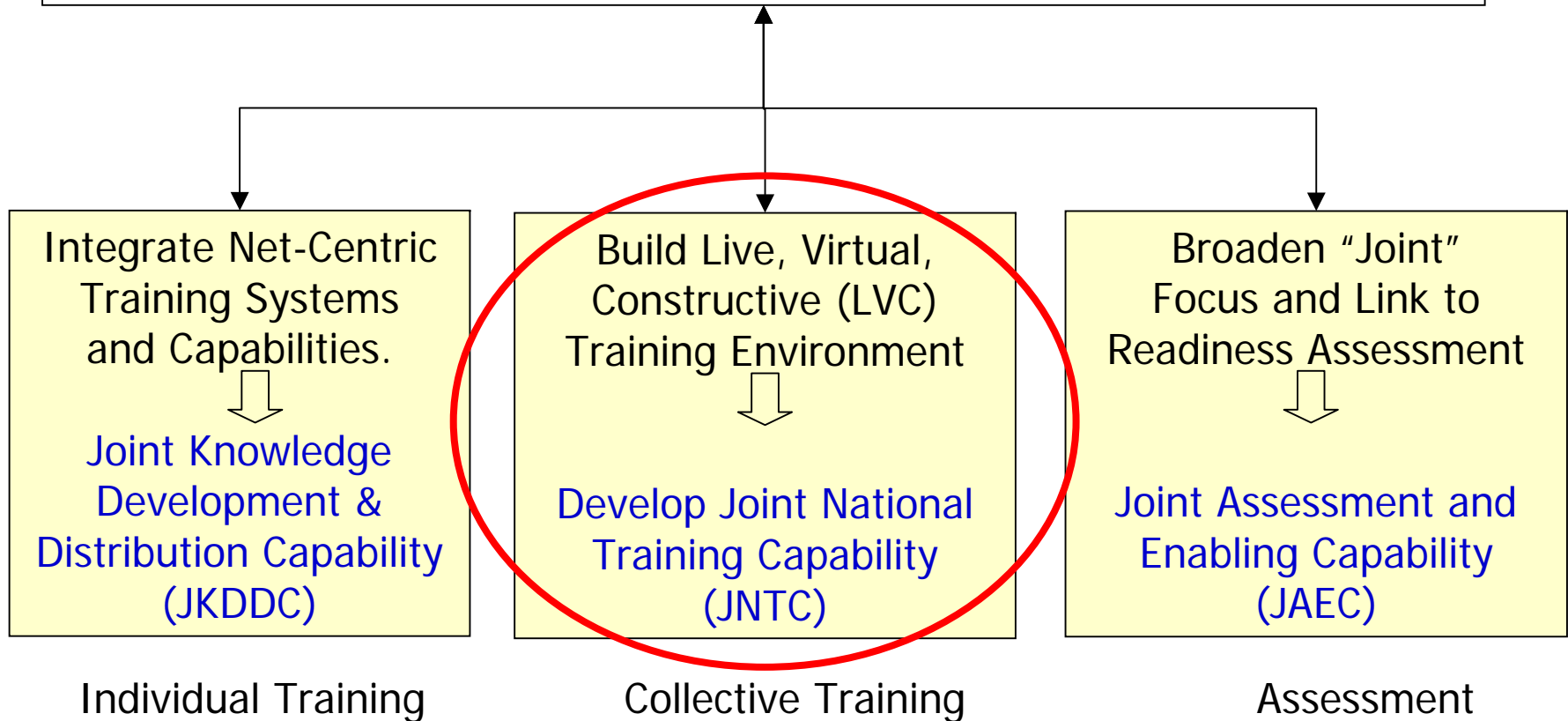
CDR Dan Fuhrman, USN
JNTC, JMO

“The centerpiece of our training transformation effort will be Joint National Training Capability”

Deputy Secretary of Defense
Paul Wolfowitz during testimony before
the Senate Armed Services Committee
9 April 2002

Transforming Training Vision and Goals

dynamic, capabilities-based training



**Strategy Document Approved Mar 02 – Implementation Plan June 03
JNTC Sooner Rather Than Later – IOC Oct 04 – first major event Jan 04**

Department of Defense / Secretary Rumsfeld's Priorities

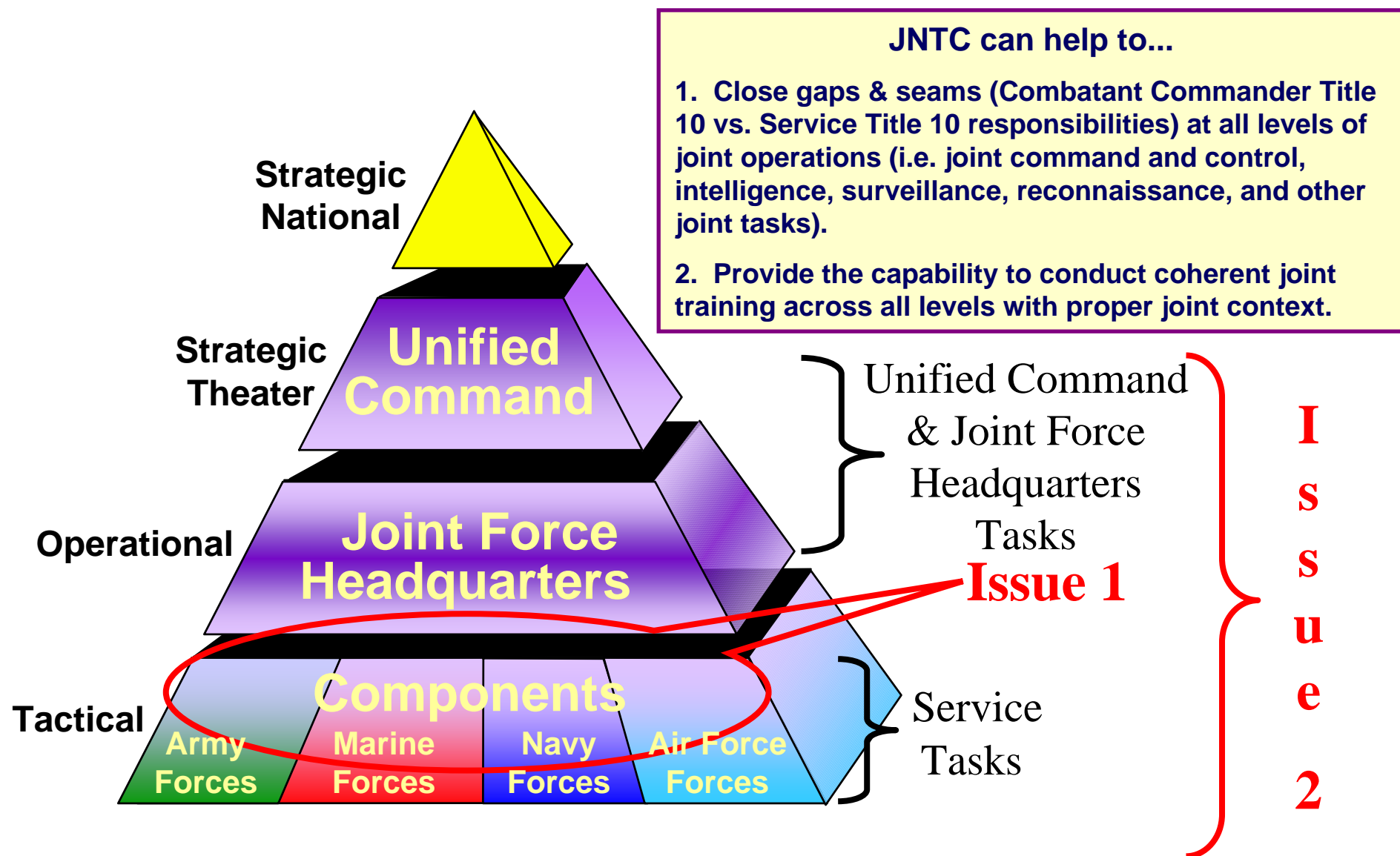
1. **Successfully Pursue the Global War on Terrorism**
2. **Strengthen Joint Warfighting Capabilities**
3. **Transform the Joint Force**
4. **Optimize Intelligence Capabilities**
5. **Improve Force Manning**
6. **New Concepts of Global Engagement**
7. **Counter the Proliferation of WMD**
8. **Homeland Security**
9. **Streamline DoD Processes**
10. **Improve Interagency Process, Focus and Integration**



JNTC

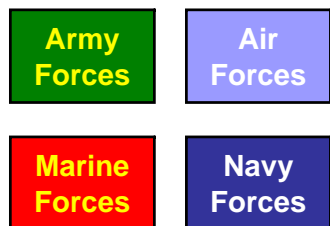
Transformation is a top U.S. Defense priority

Why a Joint National Training Capability?

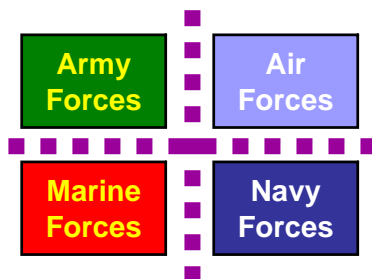


Transforming the Joint Force

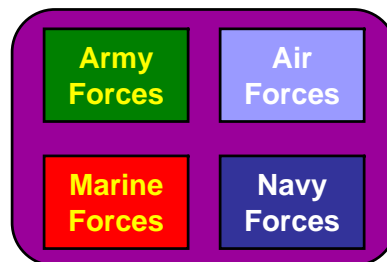
**Deconflict
Service Forces**



**Stitch Service
Seams**



**Integration of
Service
Capabilities**



**Full Integration of
Service, Interagency,
and Multinational
Capabilities**



**Services
Deconflicting**

**Services
Coordinating**

**Services
Integrating**

**A Full Spectrum
capabilities-
based joint force**

The Future is JNTC!

Joint National Training Capability Definition

The Joint National Training Capability (JNTC) is a cooperative collection of interoperable training sites, nodes, and events that synthesizes Combatant Commander and Service training requirements with appropriate “joint context.” Founded upon the four pillars of (1) **realistic combat training**, (2) **an adaptive and credible opposing force**, (3) **common ground truth**, and (4) **high quality feedback**, the JNTC underpins a global, information age joint national training capability that advances Defense Department transformation efforts to include enabling Multinational, interagency, and intergovernmental network-centric operations.

Transforming Joint Training Built on Service Success



Implementation

“The Commander, US Joint Forces Command (JFCOM), plans, implements, and executes JNTC activities. JFCOM, in coordination with the Services, approves execution of all JNTC funding, certifies JNTC sites and systems, and supports and accredits all JNTC events.”

Management Initiative Decision 906
Signed 7 January 2003, DEPSECDEF

Accreditation and Certification

Event Accreditation

A validation that focuses on the elements of joint context required to execute and assess the joint tactical tasks conducted in a particular training event/exercise.

Facility and System Certification

A determination that supporting systems and infrastructure located at training sites meet standards for interoperability and functionality, in order to create joint training environments.

JNTC Major Events

- 1. Improved Horizontal Training: Build on existing Service interoperability training**
- 2. Improved Vertical Training: Link component and joint command and staff planning and execution**
- 3. Integration Exercises: Enhance existing joint exercises to address joint interoperability training in joint context**
- 4. Functional Training: Provide dedicated joint training environment for functional warfighting and complex joint tasks (conduct further study)**

Ref. DEPSECDEF Memo

JNTC Event Development

A process for first-run JNTC events

Technical Event

- Validate** and test technical architectures
- Determine technical issues and shortfalls
- Includes modeling & simulation
- Requires no live forces

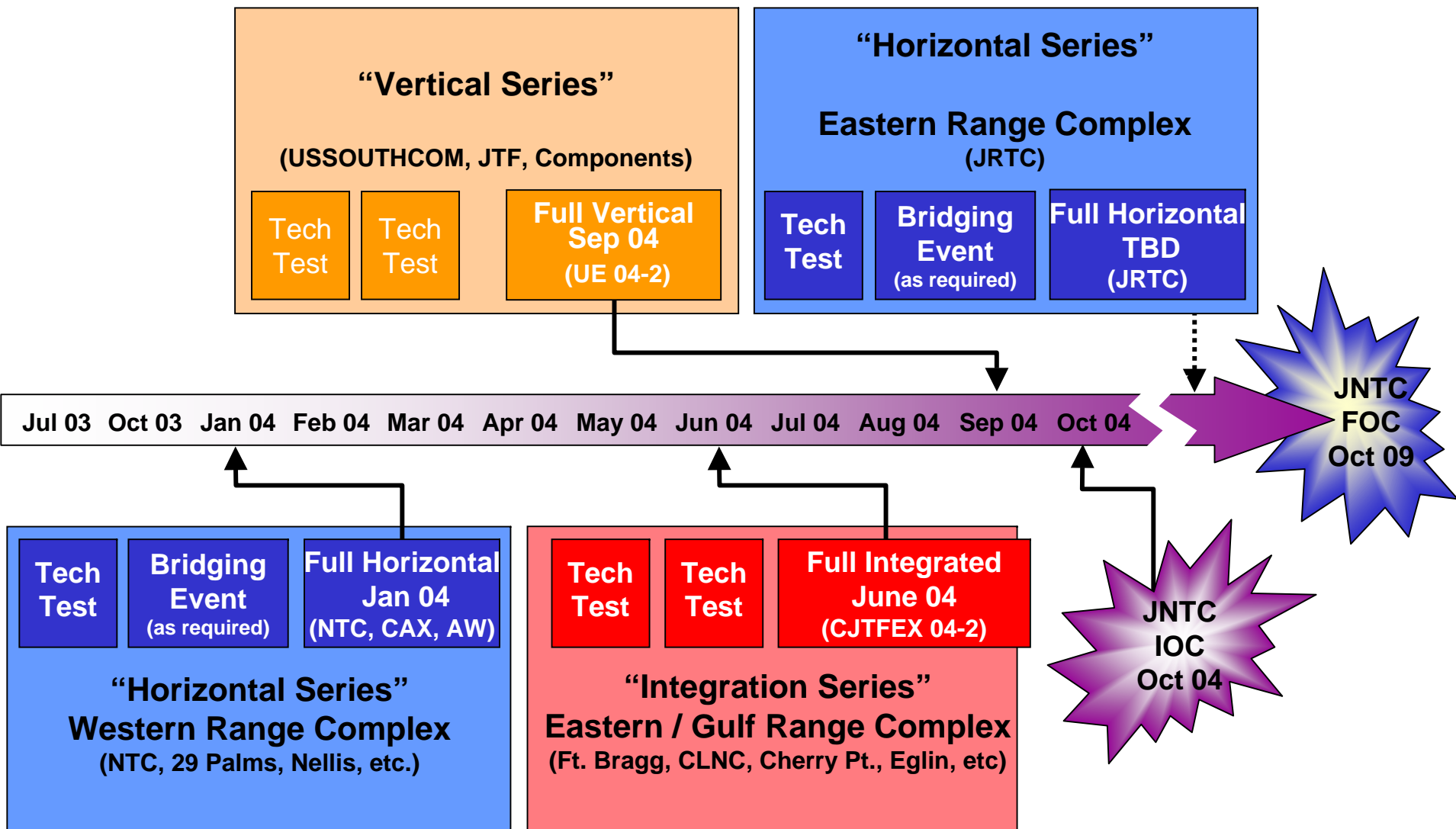
Bridging Event

- Prepare** sites/events for certification/accreditation
- Leverage existing exercises/training activities
- Includes rehearsal/test of operational and technical architectures
- Requires no live forces; may require HICON elements

Culminating Event

- Conduct** and/or complete accreditation and certification
- Thorough execution and assessment of joint objectives using proper joint context
- All required live/constructive/virtual forces participate
- Joint warfighting issues identified

IOC Implementation Events



Joint Training Today and Tomorrow

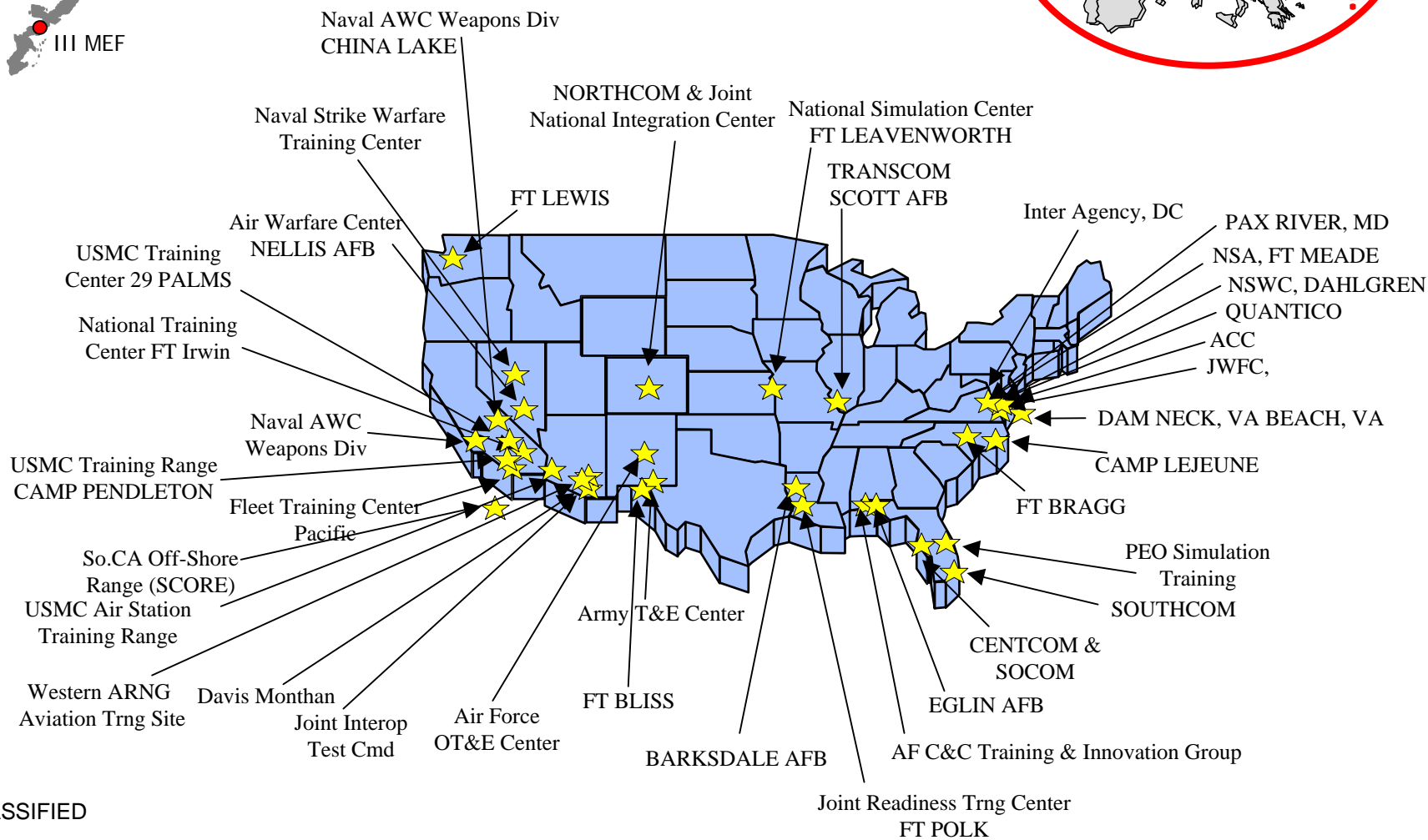
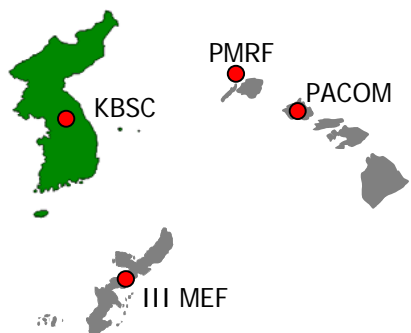
Today

- **Insufficient focus on joint training requirements**
- **Joint training focused at Strategic and operational level**
- **Training ranges and equipment is Service specific**
- **Service level events lack resources to provide proper environment for joint task execution**
- **No coherent joint capabilities improvement process in place**

Tomorrow

- **An enabled coherent joint training strategy**
- **Focused down to the appropriate tactical level**
- **Linked ranges that can create multiple training environments to meet joint training requirements**
- **JNTC delivers joint context and appropriate resources to properly carry out joint tasks**
- **JNTC enables and orchestrates capability improvement strategies for joint warfighting gaps and seams**

Joint National Training Capability Initial Sites



JNTC & Service Equities

JNTC Element

JNTC is...

JNTC is NOT

**Joint Event
Assessment**



**Joint
DOTMLPF analysis of
Joint tasks**

**Joint analysis/evaluation
of Service specific tasks or
unit performance**

“Joint” OPFOR



**“Joint” OPFOR
planning, command &
control (OPFOR HQ)**

**Standing “joint” OPFOR
forces or joint ownership of
Service OPFOR**

**Range certification
& integration**



**Global network of
interoperable, integrated
& instrumented ranges**

**Joint or USJFCOM
ownership of
Services ranges**

**Joint
requirements**



**Combatant Commander
warfighting mission-based;
developed w/Services**

**JFCOM derived
joint training tasks or
requirements**

Joint context



**Joint elements needed
to thoroughly perform
Joint tasks**

**Joint Commander or
JTF HQ for all Joint
training events**

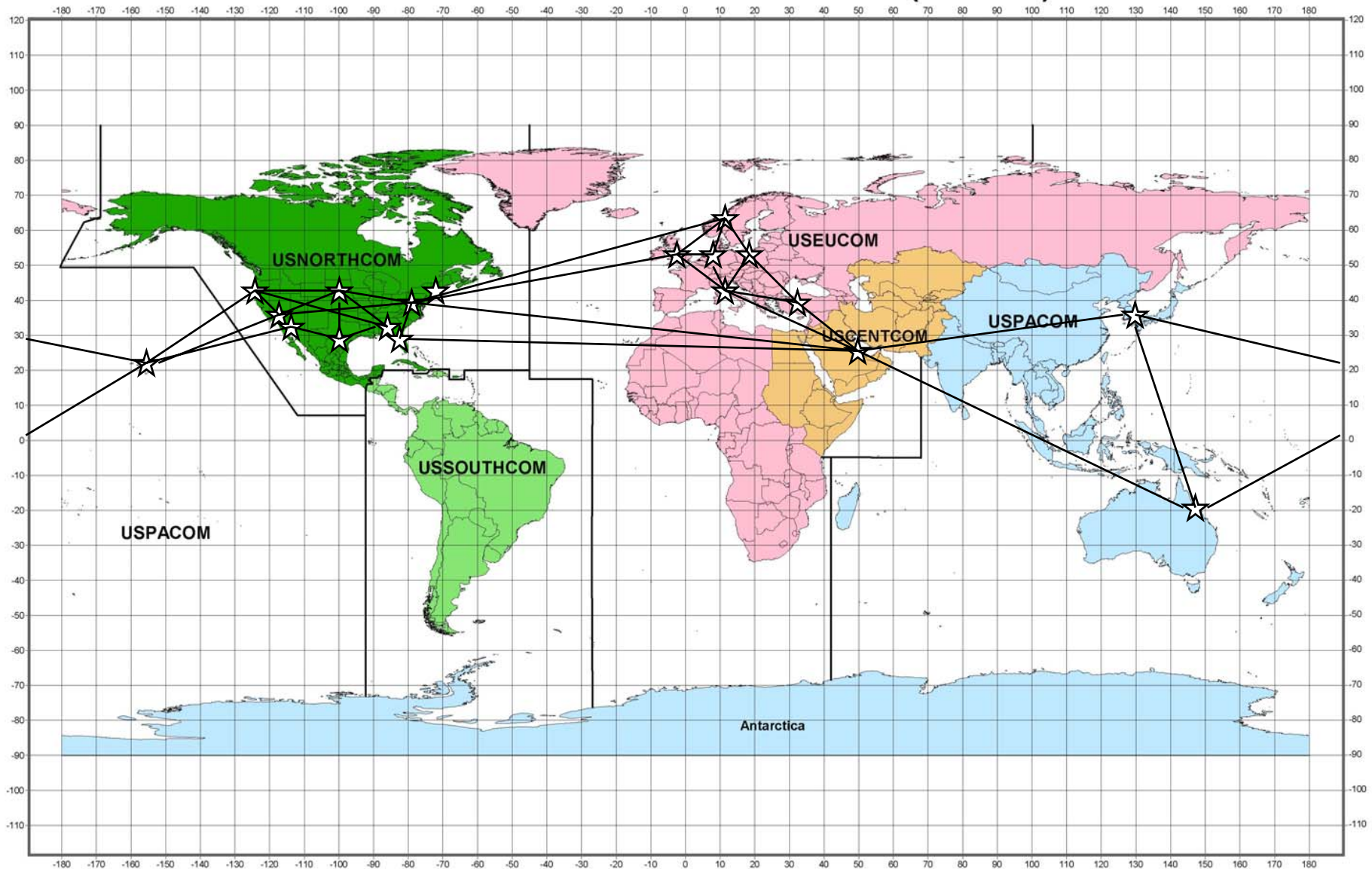
JNTC End State

JNTC provides the environment that will:

- 1. Enable us to better exercise forces in Joint tasks**
- 2. Measure joint force performance**
- 3. Identify specific deficiencies that occur in the gaps and seams**
- 4. Develop the Transformational Change Package (TCP) recommended solutions to achieve joint warfighting capability improvement over time**

Enhance and sustain a culture of jointness

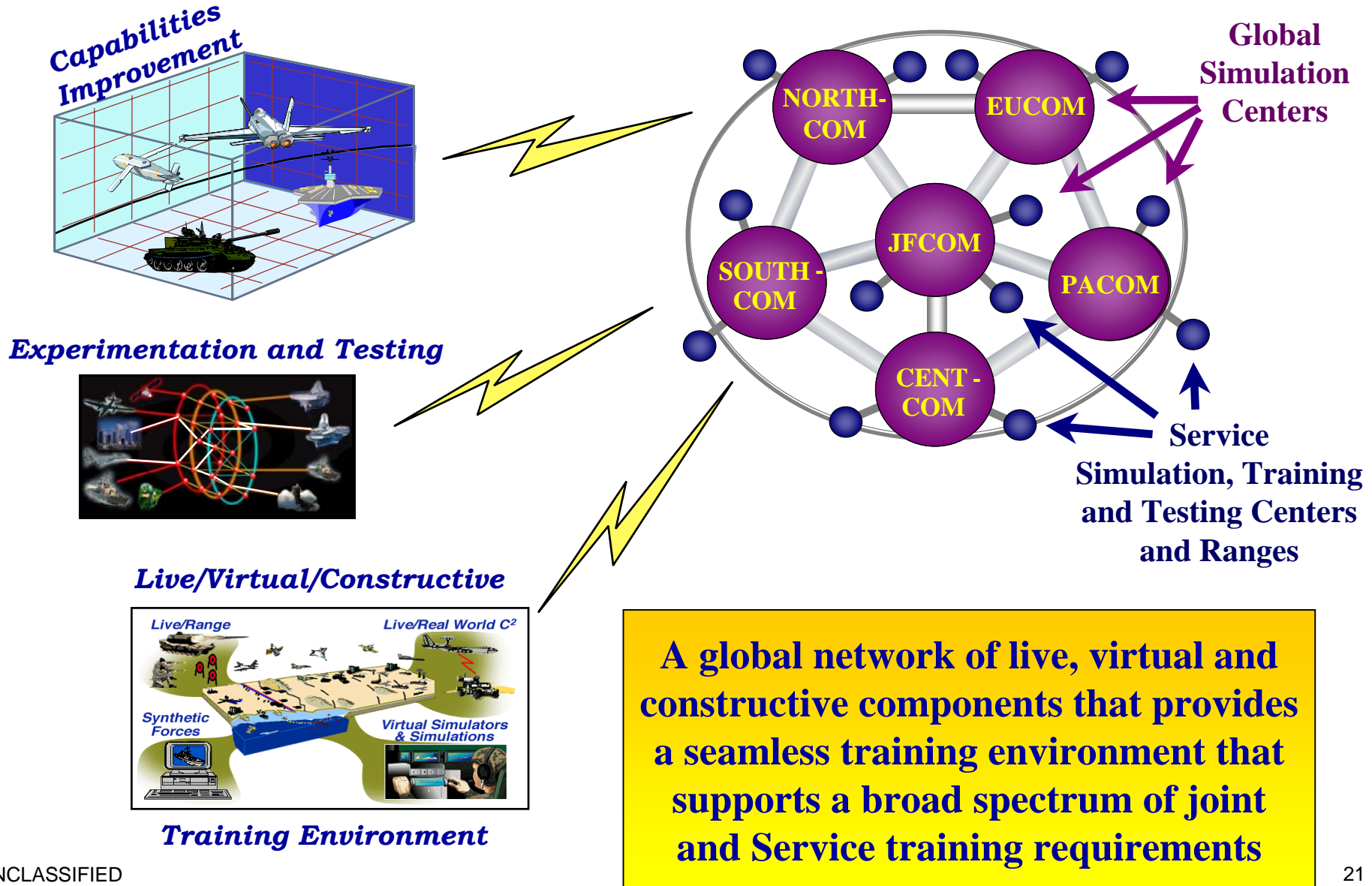
Global JNTC?



Questions??

Backup Slides

The Joint National Training Capability



JNTC Implementation Milestones

Oct 2004 – JNTC IOC: one successful (certified and accredited event for each thrust

Oct 2005 – Links lessons learned to development and assessment of joint operational capabilities (JOC)s through the Joint Training System

25% of major training events are JNTC certified and accredited

This will be updated as the structure and process for establishing appropriate Combatant Commands' requirements are further defined

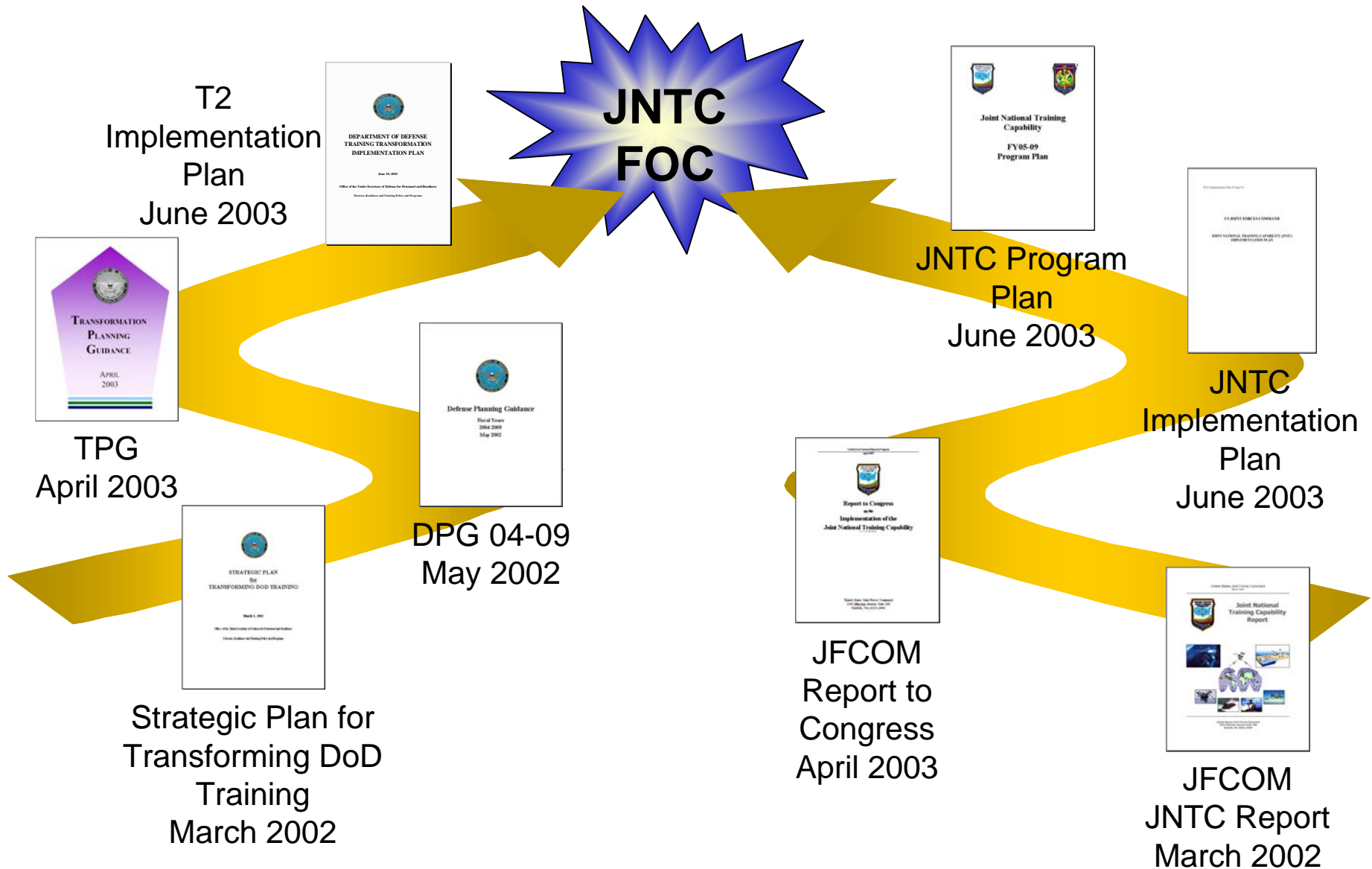
Oct 2007 – Assess all joint Tactical tasks biennially in selected joint exercises

Oct 2007 – Conduct major transformation events to assess JOCs

Oct 2007 – Demo deployable JNTC and mission rehearsal capabilities

Oct 2009 – Joint forces trained to conduct ops in key mission areas before deployment

Key Documentation



JNTC POC Info:

| | | |
|-----------------------------------|-------------------------|-----------------|
| JNTC JMO Director: | CAPT Thorp | 686-7127 |
| JMO Deputy Operations | LTC Plumb | 686-7782 |
| Event Project Officer/Ops: | LTC Donahoe | 686-7073 |
| Technical (LVC/C4): | CDR Wolstenholme | 686-7528 |
| OPFOR: | LTC Ward | 686-7558 |
| JWFC Manning: | LTC Zamberlan | 686-7760 |
| Intelligence: | Maj Cooper | 686-7085 |
| Assessment: | Maj Hitchcock | 686-7148 |

Elements of Joint Context

1. Mix of available live / virtual / constructive forces required to accomplish joint training objectives
2. Appropriate levels of joint command and control (C2)
3. Opposing force (OPFOR) capable of full spectrum operations
4. Scenario based on joint training objectives
5. Ability to assess joint force performance of joint tasks
6. Use of joint doctrine and tactics, techniques, and procedures
7. Joint exercise control structure
8. Joint event analysis / after action reporting

Early Achievements

- 1. Moving towards fundamental change in the way Services are performing exercise planning to include jointness (cultural change).**
- 2. Performing advanced Joint Tactical Task (JTT) analysis to identify full scope of joint training requirements.**
- 3. Examining results from “Operation Iraqi Freedom”.**
- 4. Published Congressional Report, JNTC Implementation-Plan, and JNTC Program Execution Plan.**
- 5. Developed and evaluated west coast site plans, including analysis of cost alternatives. Developed M&S Interface Architecture to Service component C⁴I systems.**

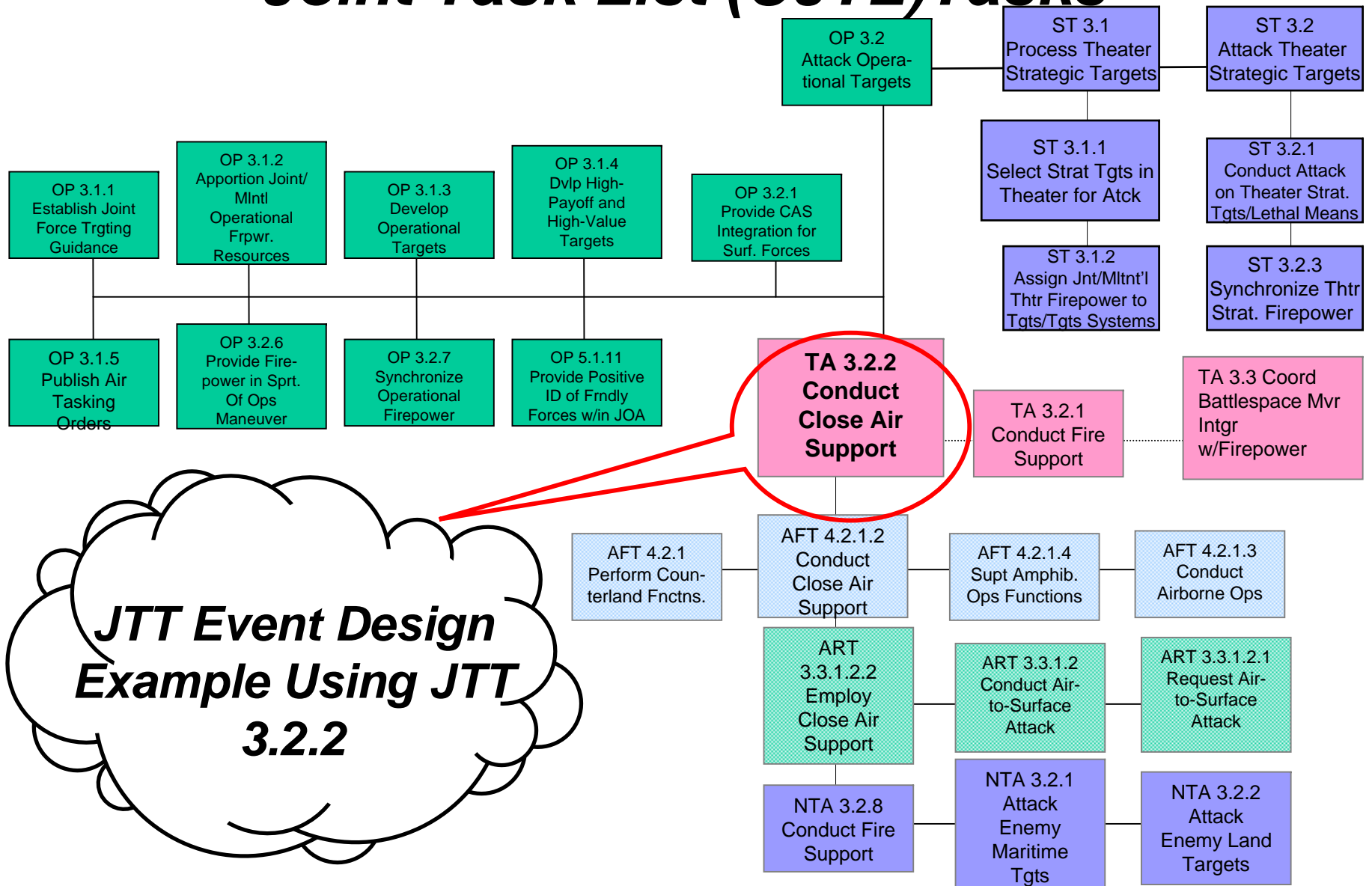
Joint Tactical Tasks (1)

- 1.1 Conduct Tactical Airlift Operations
- 1.2 Conduct Shipboard Deck Helicopter Landing Qualifications
- 1.3 Conduct Sea and Air Deployment Operations
- 1.4 Conduct Joint Forces Passage of Lines
- 1.5 Conduct Joint Air Assault Operations
- 1.6 Conduct Joint Airborne Operations
- 1.7 Conduct Joint Amphibious Assault and Raid Operations
- 1.8 Conduct Joint Counterdrug Operations
- 1.9 Conduct Countermine Operations
- 1.10 Conduct Mine Operations
- 1.11 Conduct Joint Force Link-up Operations
- 2.1 Disseminate Tactical Warning Information and Attack Assessments
- 3.1 Conduct Joint Fires
- 3.2 Conduct Joint Close Air Support
- 3.3 Conduct Joint Interdiction Operations

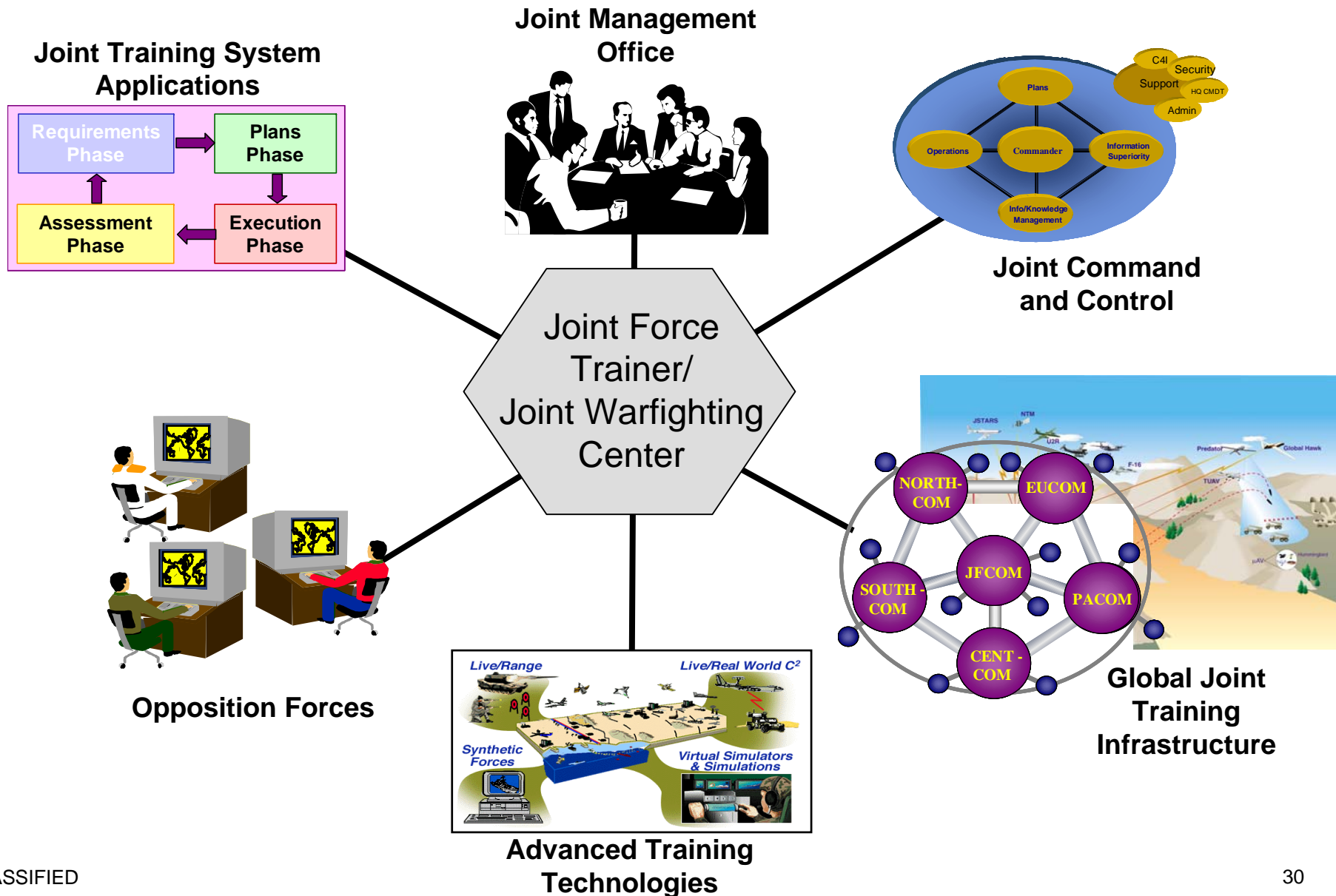
Joint Tactical Tasks (2)

- 3.4 Conduct Joint Suppression of Enemy Air Defenses
- 3.5 Conduct Joint Operations Using Nonlethal Means
- 3.6 Conduct Air and Missile Defense Operations
- 3.7 Conduct Joint Air to Air Operations
- 3.8 Coordinate Battlespace Maneuver and Integrate with Firepower
- 3.9 Employ Tactical Information Operations
- 4.1 Distribute Supplies and Provide Transport Services
- 4.2 Conduct Joint Air Refueling Operations
- 4.3 Conduct Joint Logistics Over-the-Shore Operations
- 5.1 Establish, Operate, and Maintain Baseline Information Exchange Operations
- 6.1 Conduct Joint Search and Rescue Operations
- 6.2 Conduct Joint Rear Area Security Operations
- 6.3 Conduct Noncombatant Evacuation Operations
- 6.4 Provide for Combat Identification
- 7.0 Conduct CBRNE Operations

Map Applicable Like Universal Joint Task List (UJTL) Tasks



JNTC Work Breakdown Structure



JNTC Points-of-Contact

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Program Manager

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Lt Col Gary Plumb

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USSOCOM-JNTC JMO Liaison

TBD

TM-5 Knowledge/info Mgt

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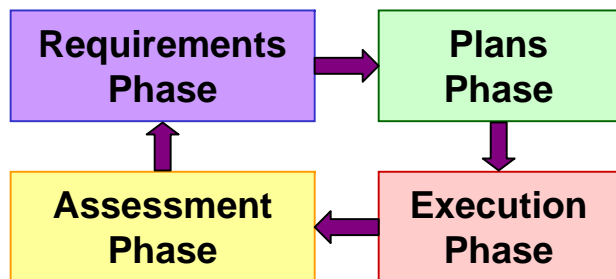
FY 05 JTT Planning Considerations

1. Combatant command input required for JTT selection.
2. Focus on small number of JTTs per Thrust 1 event:
 - No more than four per event
 - JCIET provides capability for multiple iterations of combat ID analysis.
 - JCAS JT&E provides capability for multiple iterations of JCAS JTT.
3. Strive for a minimum of two analysis iterations for selected JTTs in order to support capability development.
 - JTTs that link to CRDs (JCAS, JTAMD, GIG, Combat ID).
 - JTTs that support selected JT&E.
4. FY05 events serve to continue validation of JTT analysis procedures.
 - Several JTTs will be analyzed for first time in FY05.
5. “Lead” service event has primacy for JTT
 - Joint Red Flag 05 has NTC 05-5 and CAX 5 linked but Joint Red Flag 05 determines JTT focus
 - JRTC 05-5, with AIR WARRIOR and MAWTS linked, determines JTT focus
 - Linked NTC and CAX rotations require mutual agreement

JNTC Implementation Strategy

A comprehensive strategy for transforming Joint training

Enhance the process



Resource and use the Joint Training System process to:

- Develop requirements;
- Identify training audiences;
- Conduct Joint event analysis;
- Assess Joint capabilities.

Transform the training environment

Define and provide Joint context for requirements-based Joint training.

Build on existing Joint exercises and selected Service training events.

Establish/link selected Service ranges and centers as JNTCs; include test assets.

Develop, build, and sustain a live-virtual-constructive capability.

Joint National Training Capability Defined



The diagram is shaped like a classical building. The roof is a purple triangle containing the text 'Transformed Joint Capabilities'. The main body of the building consists of four colored rectangular pillars: orange for 'Realistic Combat Training', red for 'Adaptive and Credible Opposing Force', light blue for 'Common Ground Truth', and green for 'High Quality Feedback'. These pillars sit on a wide purple base labeled 'Proper Joint context for training'. The entire structure is topped and bottomed by horizontal purple lines, with the bottom line containing the text 'Joint National Training Capability'.

Transformed Joint Capabilities

**Realistic
Combat
Training**

**Adaptive
and
Credible
Opposing
Force**

**Common
Ground
Truth**

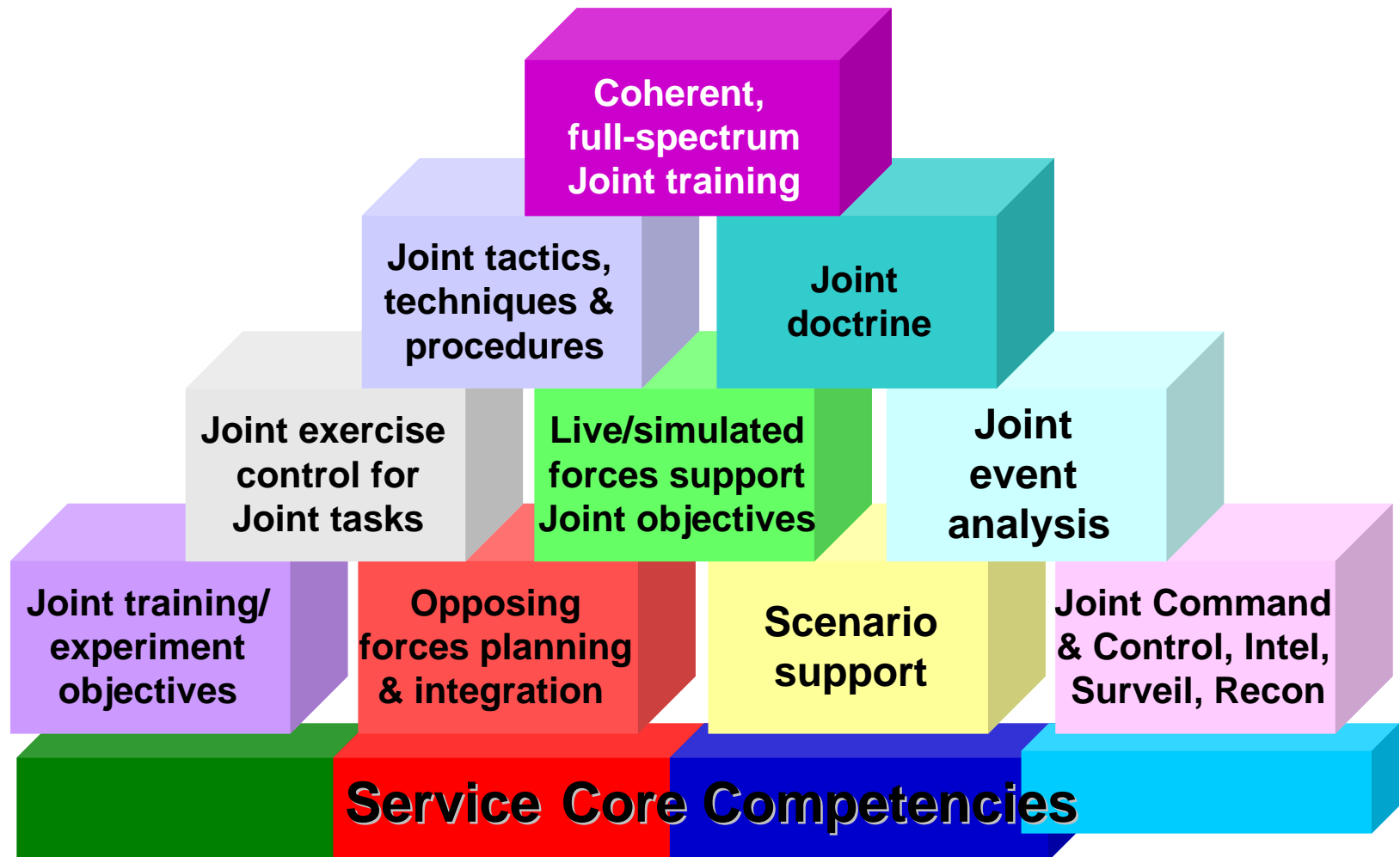
**High
Quality
Feedback**

Proper Joint context for training

Joint National Training Capability

Joint Training Context

These elements, when tailored to specific Joint tasks, support the coherent training strategy needed to meet Joint warfighting challenges



CJTFEX 04-2

Locations

